

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants: Michael R. Rosen et al.

U.S. Serial No.: 10/757,827

Examiner: Anoop K. Singh

Filed: January 15, 2004

Conf. No.: 5518

Group Art Unit: 1632

For: MESENCHYMAL STEM CELLS AS A VEHICLE FOR ION CHANNEL
TRANSFER

Mail Stop Amendment
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

I hereby certify that this correspondence is being electronically transmitted to the United States Patent and Trademark Office via the Office electronic filing system addressed to: Mail Stop Amendment, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450

Date: April 21, 2010

Signature: /Loretta E. Charles/
Loretta E. Charles

RESPONSE TO FINAL OFFICE ACTION DATED JANUARY 21, 2010

This paper is submitted in response to the Final Office Action mailed on January 21, 2010 in connection with the above-identified application. A shortened period of reply of three months was set. This response is therefore timely filed.

Applicants respectfully request that the Examiner consider the remarks set forth herein.

A listing of the **claims** begins on page 2 of this paper.

Remarks begin on page 5 of this paper.